

**From:** [Steve Mason](#)  
**To:** [mcquiddy.david@epa.gov](mailto:mcquiddy.david@epa.gov); [delgado.eric@epa.gov](mailto:delgado.eric@epa.gov); [Ragan Broyles](#); [gray.david@epa.gov](mailto:gray.david@epa.gov)  
**Subject:** Fw: EPA RERT Air Sampler Placement Summary June 30, 2011  
**Date:** 07/01/2011 01:23 PM  
**Attachments:** [Los Conchas Fire Air Sampler Placement June 30, 2011.docx](#)

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Faithfully yours  
Steve

"Frequently, my thoughts get bored and walk  
down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE)  
1445 Ross Avenue, Dallas, TX 75202  
214-665-2276 / 214-665-2278 fax

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**From:** Warren Zehner/R6/USEPA/US  
**To:** Matthew Loesel/R6/USEPA/US@EPA  
**Cc:** Mason.Steve@epa.gov  
**Date:** 07/01/2011 11:51 AM  
**Subject:** Fw: EPA RERT Air Sampler Placement Summary June 30, 2011

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FYI

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**From:** Gregg Dempsey/LV/USEPA/US  
**To:** Greg Fife/R6/USEPA/US@EPA, Mike Flynn/DC/USEPA/US@EPA, Lee Veal/DC/USEPA/US@EPA, Sam Poppell/MTG/USEPA/US@EPA, Warren Zehner/R6/USEPA/US@EPA, Fernando Gomez/LV/USEPA/US@EPA, George Brozowski/R6/USEPA/US@EPA, Sara DeCair/DC/USEPA/US@EPA, Ron Fraass/MTG/USEPA/US@EPA, Michael Clark/MTG/USEPA/US@EPA, david.bowman@nnsa.doe.gov, John Cardarelli/CI/USEPA/US@EPA  
**Date:** 06/30/2011 08:25 PM  
**Subject:** EPA RERT Air Sampler Placement Summary June 30, 2011

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June 30, 2011

EPA's Radiological Emergency Response Team (RERT) placed 11 "medium volume" air samplers today with one pending for Saturday, July 1, 2011

EPA Region 6 had placed 6 low volume air samplers with 2" filter heads on Wednesday and it was decided by the group to replace them with the larger flow 4" units belonging to the RERT. Units replaced were in three locations on the Santa Clara Pueblo, the Buffalo Thunder Casino in Santa Fe, the Valley Veterinary Clinic in Santa Fe, and a location on the San Ildefonso Pueblo. The Buffalo Thunder Casino location was on the roof of the facility and lightning in the area prevented placement today. The unit will be placed on Friday, July 1 if there is no lightning danger.

EPA and the state agreed to 6 new locations: the Espanola Hospital in Espanola, the Runnels State Office Building in Santa Fe, the Cuba Volunteer Fire Department in Cuba, the US Army Corps of

Engineers Office in Abiqui, the Water Sanitation District offices in Pena Blanca, and the Cochiti Town Hall on the Cochiti Pueblo.

The RERT had agreed originally to place 18 air samplers -- but as stated above, only 12 locations are being monitored at this time. The remaining 6 air samplers will be held in reserve if the fire path changes.

The physical addresses are in the attachment.

Since it was so late in the day Thursday when the samplers were placed and it was our desire to get on a 24 hour sampling schedule with a morning collection, RERT members will pull the first sample on Saturday morning and every morning thereafter until the response terminates.

Region 6 has contracted with a private laboratory for analyses, but the issue is shipping to them.

FedEx will likely be the preferred route and since the weekend is upcoming, with the Fourth of July, it may be difficult to get samples to the laboratory until Tuesday, July 5. At this time, there is no impact (fire) on LANL property, so this is not expected to be a serious issue.

RERT members will be checking the air samplers on Friday, July 1 to monitor particulate loading.

These 4" air samplers run at approximately 15 cfm (low vols typically run at 3 cfm, high vols at 30 cfm). RERT experience with the Cerro Grande Fire in 2000 left a "lesson learned" with the RERT that variable speed "medium" vol air samplers were the appropriate choice for this type of event with heavy particulate loading.

RERT has eight team members on site and we are forward placed at the Espanola Guard Armory, in Espanola, NM. We have our mobile command post here and are co-located with the EPA Region 6 command post. We have full internet, VOIP phone, fax and video conference capability.

If anyone has any questions, please call me on my cell at 702-494-7040 or send me an email.

Gregg Dempsey  
Radiological Emergency Response Team (RERT) Commander  
U.S. Environmental Protection Agency  
Radiation and Indoor Environments National Laboratory  
Las Vegas, Nevada

dempsey.gregg@epa.gov  
(702) 784-8232 office  
(702) 784-8231 facsimile